

Dishwasher

Instruction Manual

Blomberg

Dear customer,

Please read carefully right through this instruction booklet before installing or operating your dishwasher. The following instructions should prevent the risk of personal injury and/or damage to the appliance.

Please keep these documents in a safe place for later reference.

This operating manual has been written for several different machines, and some of the features mentioned here may not apply to your particular model.

Symbols and legend

Following symbols are included in the user manual:



Important information and tips about usage.



Warning for hazardous situations with respect to security of life and property.



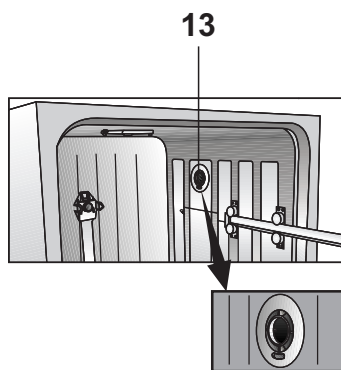
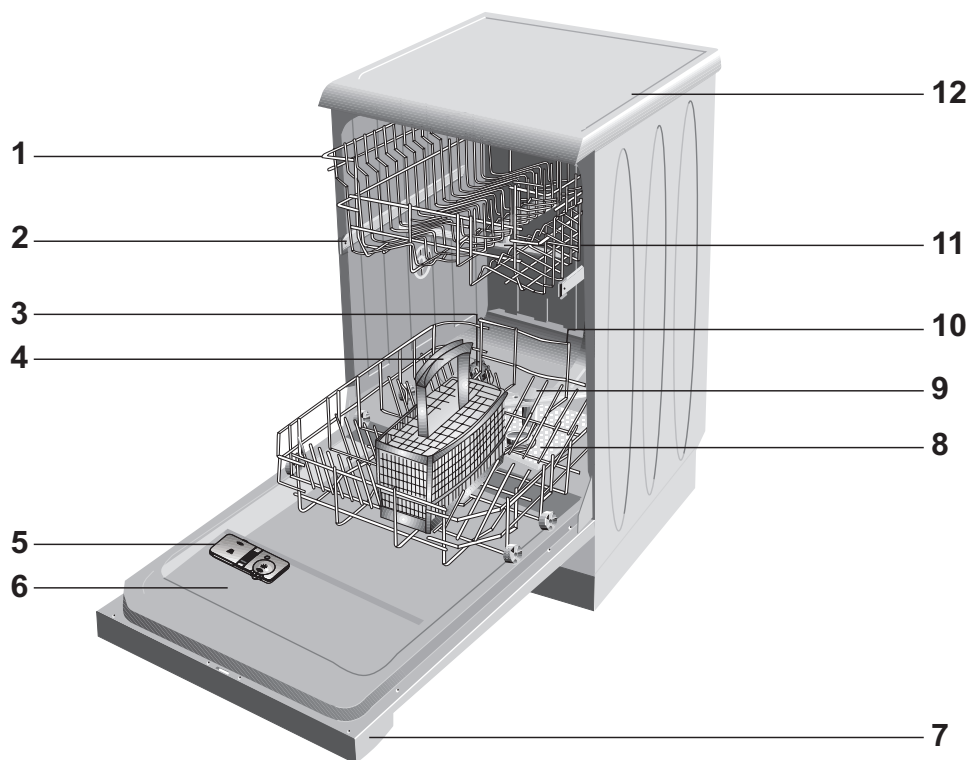
Warning for electrical voltage and shock hazard.

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1 Getting To Know Your Machine

View of the Machine



- 1. Upper dish basket with shelf
- 2. Guide rail for the upper dish basket
- 3. Salt container
- 4. Cutlery basket
- 5. Detergent dispenser
- 6. Door
- 7. Control panel
- 8. Filters
- 9. Lower sprayer arm
- 10. Lower basket
- 11. Upper sprayer arm
- 12. Housing (depends on the model)
- 13. Turbo fan heat drying system (depends on the model)

Technical Specifications

Permitted water pressure: 0,3 – 10 bar (= 3 – 100 N/cm² = 0,01-1,0Mpa)

Electrical connection: 220-240 Volts, 10 Amps (see type plate)

Output: 1900-2200 W

Heat output: 1800 W



This device corresponds to the following EU directives:
2006/95/EC: Low Voltage

Directive

2004/108/EC: EMV Directive

DIN EN 50242: Electrical dishwasher for home use Testing procedures for practical service conditions

Because we continually strive to

2 Safety Instructions

Before Installation

Check the appliance for transit damage. Never install or use damaged machines. If in doubt, contact your supplier.

Before First Use

- See Notes for Installation on page 6.
- Have the grounding system installed by a qualified electrician. The manufacturer cannot be held liable for any damage caused by operating the appliance without proper grounding.
- Before operating the system, please check that the information on the type plate corresponds to the information on your power supply.
- The dishwasher must be disconnected from the mains during installation.

improve our products, we may change our specifications and designs without prior notice.

Note for Testing Institutes

The necessary information for performance testing will be provided upon request. The request can be done by e-mail through:

standard.test@blomberginternational.com

Please do not forget to write the model code and stock code information of the appliance besides your contact information in the e-mail. The model code and stock code information can be found on the rating label, which is placed on the side of the door.

- The appliance must not be connected to the mains using an extension cable. Extension cables do not provide the necessary safety (e.g. danger of overheating).
- Always use the original plug delivered with the appliance.
- The plug must be freely accessible after the appliance has been installed.

Child Safety

- Do not allow children to play with the appliance.
- Dishwasher detergents are caustic and may cause injury to the eyes, mouth and throat. Please note the safety instructions provided by the manufacturers of the detergents.
- Never leave children unsupervised while the appliance is open, as

the appliance may still contain detergent leftovers.

- The water in the dishwasher is not drinking water. Danger of caustic injuries.
- Always place long and sharp/pointed objects (e.g. serving forks, bread knives) into the cutlery basket with the pointed end down or flat on the upper basket to avoid possible injuries.

For daily operation

- Use your appliance only for the following domestic uses: Washing household dishes.
- Do not use chemical solvents in the appliance; there is a danger of explosion.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not sit or stand on the opened door or place other objects on it. The appliance may tip over.
- Do not open the door while the appliance is running, as hot water or steam may escape.
- Do not leave the door open – an open door can be a hazard.
- If you need to move your appliance, do it in upright position and hold from the rear side. Tilting the appliance onto its front side may cause the electronic parts in it to get wet and damaged.

Problems

- Repairs and modifications to the appliance may only be carried out by qualified customer service personnel.
- In the event of a problem, or before performing a repair, disconnect the appliance from the mains supply:
 - disconnect the appliance by pulling out the mains plug
 - shut off the power.
- Do not pull on the cable – pull on the plug. Turn off the water supply tap.

What should not be washed in your dishwasher

- Rust sensitive steel parts
- Cutlery with wooden or horn handles
- Cutlery with mother of pearl or porcelain handles
- Non heat resistant plastic parts
- No glued dish or cutlery parts
- No items made out of copper, tin or aluminium
- Sensitive decorative glasses and porcelain parts
- Lead crystal glasses
- Art and crafted articles
- Aluminium and silver tend to discolour
- Glass and crystal articles may lose their shine over time
- Sponges and dishcloths

 Do not wash items soiled with cigarette ash, candle wax, varnish, paints or chemicals.

 Recommendation: When buying new dishes, note whether they are suitable for the dishwasher. (marked as dishwasher proof)

3 Directions for Assembly

Safety notes for installation

Prior to installing and using your appliance, please check it for possible transit damage.

If the appliance is damaged, please contact your supplier.

 Never install or use a damaged appliance.

The following directions must be followed to connect the dishwasher properly.

Before operating your dishwasher, please ensure that the information on the type plate corresponds to the current and voltage of your power supply.

 The appliance may only be connected using a properly grounded socket. Ensure that the appliance is grounded according to regulations. The grounded socket must be easily accessible and close to the appliance.

 Do not use extension cables or multiple adapters, as this can lead to overheating, which can be a fire hazard.

 Hardwiring may only be carried out by a qualified electrician.

 Check the power cable, the water inlet hose and the drainage hose. Damaged parts may only be replaced by customer service personnel or by a qualified electrical service expert.

Installing Your Dishwasher

- Choose a suitable location for your dishwasher. Take care to ensure that the appliance is stable on a level surface.
- Unevenness in the floor can be equalised by adjusting the screw feet. When the appliance is standing correctly, the door can be closed without difficulty.
- Water inlet and drainage hoses must be positioned so that they can move freely without bending or squeezing.
- The appliance may not be installed in a room where the temperature is below 0° Celsius.

Water connection

- There are two different types of water inlet hoses:
 - Cold water inlet hose (up to 25°C)
 - Hot water inlet hose (up to 60°C) please check which one is applicable to your model.

If you are willing to connect your machine to natural energy resources or to the central hot water supply, first check out whether your water inlet hose type is suitable by checking the temperature values written on the hose. If your hose is not suitable, apply to your authorized service to change the hose.

- The dishwasher may not be connected to open warm water devices or flow-through water heaters.

Permitted water pressure:

Lowest permitted water pressure: 0.3 bars = 3 N/cm² = 30 kPa

When the water pressure is below 1 bar, please contact your technician.

Highest permitted water pressure: 10 bar = 100N/cm² = 1Mpa

When the water pressure is above 10 bars, a pressure reduction valve must be installed (available in trade supply stores).

Connect water inlet hose

Ensure that the water inlet hose is not bent or squeezed. Do not install a used hose set.

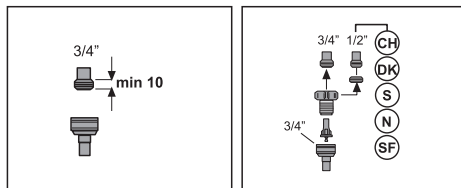
Use a screw-on hose connector to connect the water inlet hose to a water

tap with a 3/4 inch external thread. If required, use a filter insert to filter deposits from the pipes.

Check that the connection does not leak.

Important

For safety reasons, turn off the tap after every rinse process.



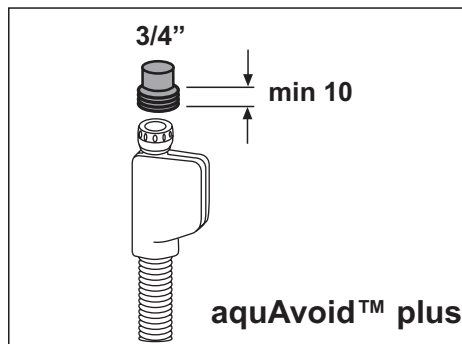
aquaAvoid™ plus (some models)

The aquaAvoid™ plus System protects against water damage which may be caused at the water inlet hose.

⚠ Do not immerse the system's valve box into water; it contains electrical components.

⚠ In case of damage, pull out the power supply plug.

⚠ Do not shorten or lengthen the hose insert as it contains electrical cables and components.

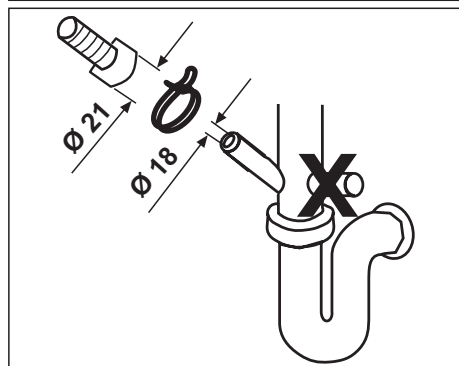
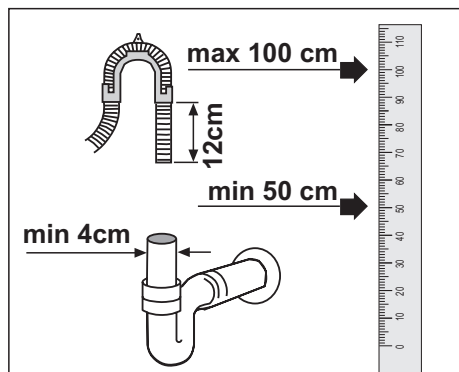


Water drainage

Connecting the drainage hose.

Take care to ensure that the drainage hose is not bent or squeezed.

Check that the drainage hose is firmly seated.



Extension hoses

If a hose extension is required, a drainage hose of equal quality must be used.

❶ The maximum length must not exceed 4m. Using a longer hose will produce poorer cleaning results.

Siphon connection

❶ The drainage height must be between 50 and 100cm above the floor.

Use hose clamps to fasten the drainage hose to the siphon.

Electrical connection

Please refer to the type plate for information on current type, mains voltage, and fuse protection.

The type plate is located on the inside of the door.

The mains plug must be freely accessible after installation.

Power cables and insulated cables must not be accessible (exposed) after installation.

Disposal Packaging

The packaging and some parts of your appliance are made from recyclable materials. These materials are marked with the recycling symbol and the relevant material type (PE, PS, POM).

Before operating your appliance, remove the packaging material and dispose of it in accordance with regulations.

 Packaging materials may be dangerous to children. Reusable substances may be dropped off at your local disposal facilities. You may obtain further information from your local authorities and disposal facilities.



Used appliances – Environmental notice

This product must not be disposed of with your regular household waste. Instead, you need to dispose of the waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. This is indicated by a symbol to be found on the product, it's packaging or in the manual.

Materials used are recyclable according to their labelling. Reuse, recycling of materials and further reutilization of used products are important contributions to protect our environment.

Please ask your local town council for the nearest collection point.

 To avoid possible dangers, disable your waste appliance prior to discarding it. Pull the mains plug and cut the power cord. Disable any door locks.

4 Using Your Dishwasher

 The electricity and water connections of the dishwasher must be in compliance with the instructions in this booklet.

Filling the dishwasher salt

 Only use special dishwasher salt in your appliance. The manufacturer is not liable for damage resulting from the use of the wrong type of salt.

Use Dishwasher salt only. Moderate or coarse grained and easily soluble salts are recommended. Don't use table salt, or any other type, these types of salt do not dissolve in water easily and

will damage the softening device.

Remove the lower basket from the appliance.

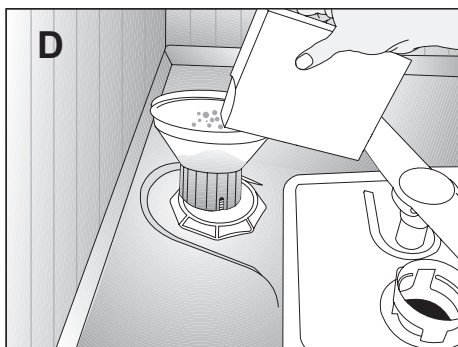
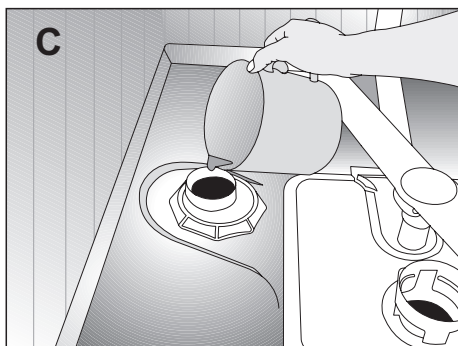
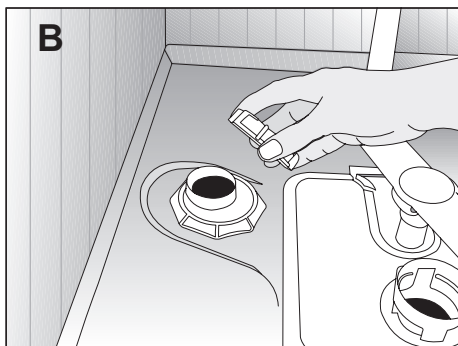
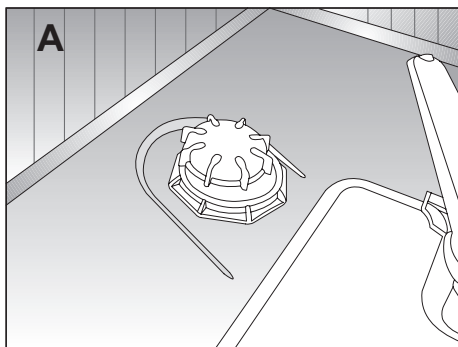
Open the screw-in cap of the salt container by turning it counter clockwise (fig. **A,B**).

When operating for the first time:

- Pour 1 litre of water into the salt container (Fig. C).
- Pour the salt into the container with the aid of the salt funnel provided (Fig. D).
- Pour in enough salt to fill the container. The container holds approx. 2 kg.
- To speed up the rate of dissolution of salt in water, stir it with a spoon.
- Close the cap tightly.
- Begin a washing program immediately after filling the salt container. The washing program prevents damage to the appliance which may be caused by any spilled salt solution. After the first washing cycle, the salt level indicator light will go out.

i Depending on the particle sizes of different salt brands in the market, tablet properties and water hardness, dissolution of the salt in water may take a couple of hours.

So, the salt indicator continues lighting for a while after filling salt into the machine. (For models with a salt indicator)



Filling the Rinse Aid Dispenser

Rinse aids allow washing water to rinse off more cleanly and prevent watermarks or streaks on the dishes. Only use rinse aid designed for use in dishwashers.

i If you use “2 in 1” or “3 in 1” detergents / tablets, you do not need an additional rinse aid.

Open the rinse aid dispenser by pressing the locking lever (**B**)

Carefully pour in rinse aid to the MAX mark. Close the lid until it clicks (**3**).

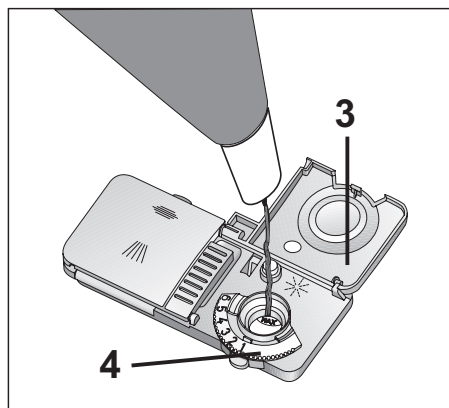
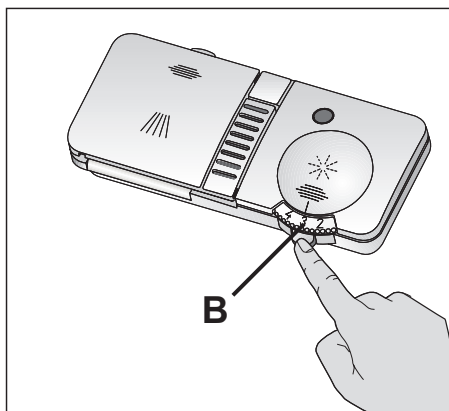
Carefully wipe off spilled rinse aid. Excessive rinse aid causes excessive foam formation, which may hinder cleaning.

Set the dose of rinse aid

The dose of rinse aid to be used can be set by means of the dispenser regulator (between levels 1 and 6) (**4**). Your appliance is pre-set at the factory to level 3.

Only change the setting if the following applies after washing:

- Watermarks are visible on the dishes: Set dosage higher
- Streaks are visible on the dishes: Set dosage lower



Filling the Detergent Dispenser

i Only use detergents formulated for use in dishwashers.

⚠ Do not put solvents into the washing compartment; there is the risk of explosion!

Open the detergent container by pushing the locking lever to the right (**A**).

The lines on the inside of the detergent container will help you measure the correct amount of detergent.

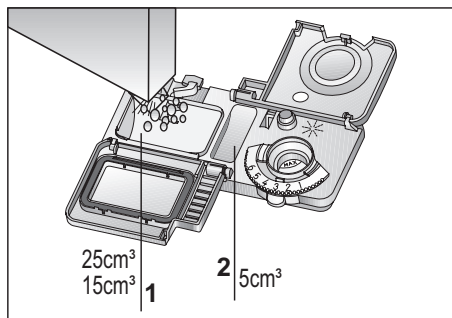
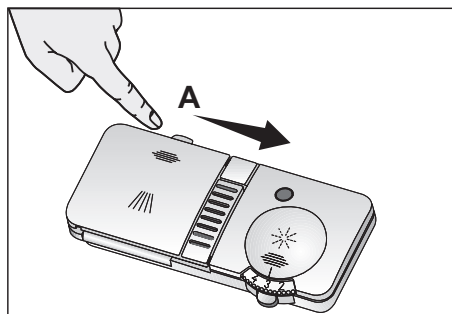
The detergent container holds a total of 40 cm³ of detergent (1).

When the dishwasher is fully loaded and the dishes are very dirty, we recommend filling the detergent container up to the 25 cm³ mark. When the dishes are less dirty, it is generally sufficient to fill the detergent up to the 15 cm³ mark.

If your dishes have been in the dishwasher for some time without being washed, you should also fill the small detergent container up to the line (2).

The programme table shows the amounts of detergent required for the different wash programmes.

These may differ according to how dirty the dishes are and the water hardness in your location.



Detergent

Please use detergents produced specially for the dishwashers in your machine.

Keep the opened detergent packages in a cool and dry place where children can not reach.

We recommend you not to use detergents that contain chlorine and phosphate as they are harmful for the environment. Detergents that contain enzymes are effective in temperatures below 50 °C and help to obtain the same washing efficiency as obtained at higher temperatures.

Put the detergent into the detergent dispenser just before operating the machine.

Please contact the manufacturer to get detailed information about the detergent you are using.

Always use powder detergents in short programs without pre-washing. Fill in the powder detergent into the compartment nr. 2 with a grid cover as shown in the picture and close the detergent box lid. When completely full, this compartment will contain 6 g of powder detergent.

Do not use tablet detergents in short programs since the solubility of them changes depending on the temperature and time.

In programs with pre-washing and high temperature, in which you may use tablet detergents, make sure that the detergent box lid is closed firmly.

Excessive usage of powder detergents can cause the detergent not dissolve completely and can also cause scratches on the glassware.

Multipurpose Detergents

The best washing results in dishwashers is obtained by using detergent, rinse aid and water softening salt individually.

New products of the detergent producers what they call as "Multipurpose Detergent" can act as water softening salt and/or rinse aid in addition to acting as a detergent. Some types of these detergents can also contain special-purpose washing chemicals such as glass and stainless steel protectors.

Multipurpose detergents commonly found in the market:

2in1: Those contain detergent, rinse aid or water softening salt.

3in1: Those contain detergent, rinse aid and water softening salt.

4in1: Those containing glass protectors in addition to detergent, rinse aid and water softening salt.

5in1: Those containing glass and stainless steel protectors in addition to detergent, rinse aid and water softening salt.

Multipurpose detergents give satisfying results only under certain usage conditions. Observe the instructions of the detergent manufacturer on the package when using such detergents.

Contact the detergent producer if your dishes are wet and/or if you notice lime spots particularly on your glasses after

the washing program is over.

When you give up using such detergents:

Make sure that salt and rinse aid compartments are full.

Set the water hardness to its highest degree and perform an empty run.

After the empty washing review the user manual and readjust the water hardness level so as to suit your water supply.

Make the appropriate rinse aid settings.

Depending on the model, salt indicator and/or rinse aid indicator should be enabled again if they are disabled before.

Loading the dishwasher

General:

Before you load the dishwasher with dishes

- Remove coarse food leftovers
- Place all containers such as cups, glasses and pots into the machine with the opening facing downwards (so that no water can collect)
- Dishes and cutlery may not be placed above each other
- Glasses may not touch
- The movement of the spray arms must not be hindered
- Place all large and very dirty items in the lower basket.
- Small and light items can go into the upper basket.
- Long and narrow items are placed in the middle of the baskets.

⚠ Knives and other utensils with sharp tips and edges must be placed

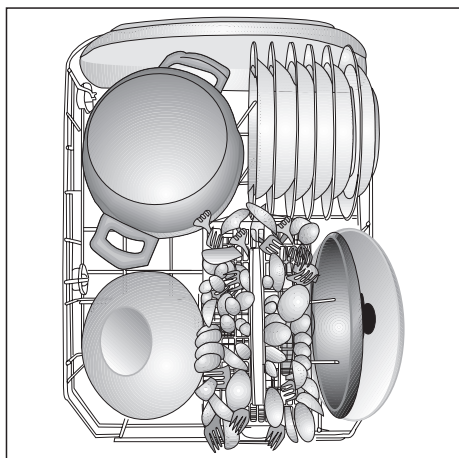
horizontally into the upper basket due to risk of injury.

i Please do not overload your dishwasher and pay attention to the notes regarding dishes which are suited to the dishwasher. Only in this manner will you obtain optimal washing results with a sensible use of energy.

i Start unloading the dishes from the lower basket, then switch to the upper basket.

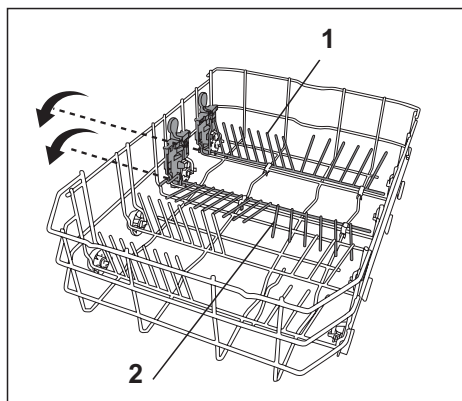
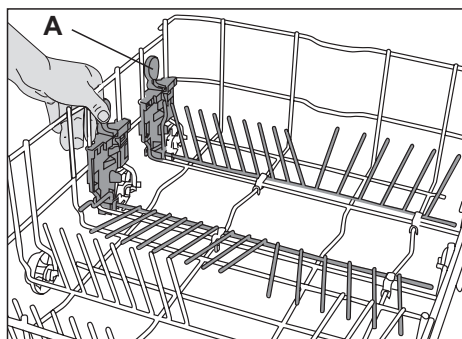
Suggestions for loading the dishwasher

Use the lower basket for plates, bowls, pots etc.

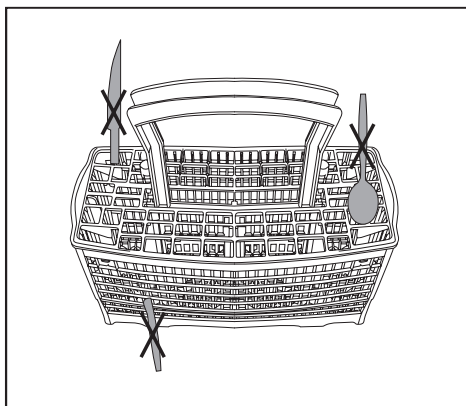
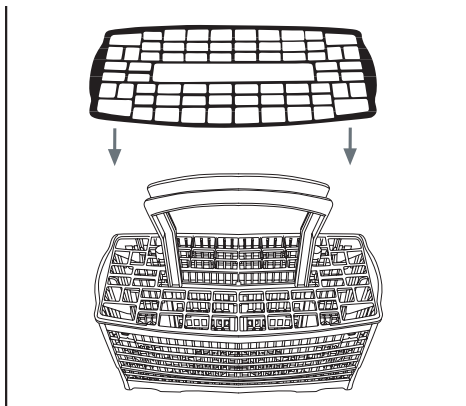


2 folding plate support rods (depending on the model)

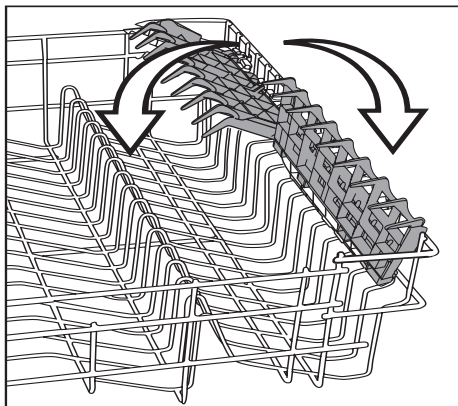
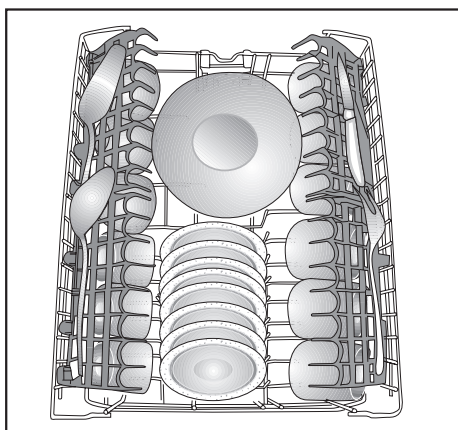
There are two separate “folding plate support rods” in the lower basket of your dishwasher designed to allow you more space to accommodate saucepans and large bowls in the lower basket. You can either fold each section (1, 2) individually or, all at once, to create a large empty space. Simply press the handgrips (A) and fold them down.



Cutlery basket

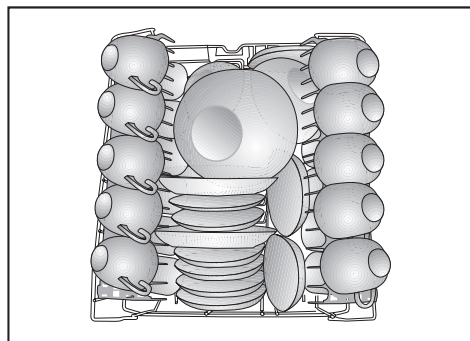


Rack



Loading suggestions

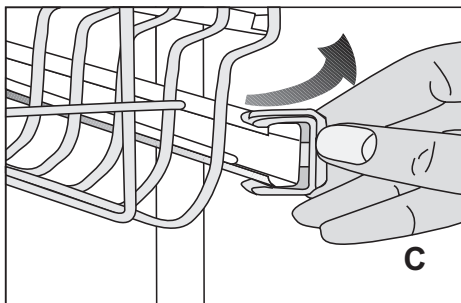
Load the upper basket with dessert plates, cups, glasses etc.



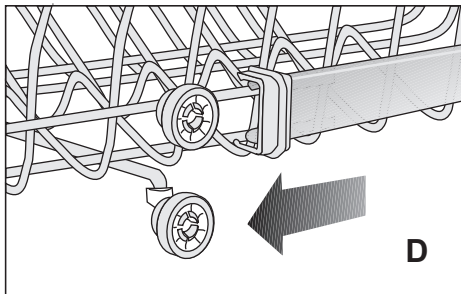
Height setting with empty basket (depends on the model)

In this model, the height setting of the upper basket may be changed using the wheels which are mounted at two different heights.

Release the latches on both the right and left tracks of the upper basket by pushing them outwards (**C**).

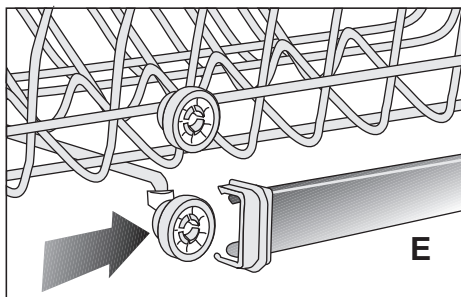


Pull out the basket out completely (**D**).

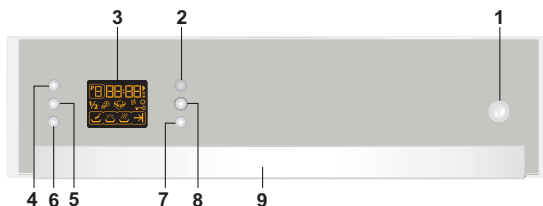


Place the basket back into the tracks at the desired height (**E**).

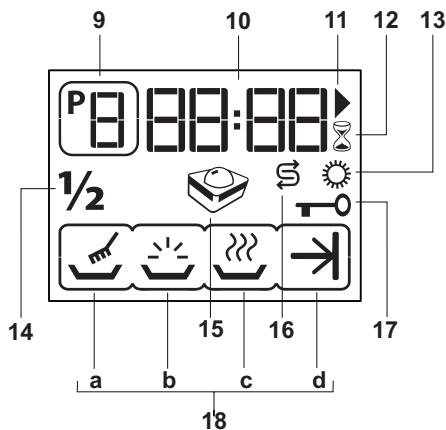
Push the latches back into the correct position.



5 Operating the product



- | | |
|-------------------------------|---|
| 1. On/Off key | 7. Tablet Detergent key |
| 2. Start / Pause / Cancel key | 8. Time Delay key |
| 3. Display | 9. Handle |
| 4. Programme Selection key | 10. Programme indicator |
| 5. Half Load key | 11. Remaining Time / Delay Time indicator |
| 6. Express key | |



- | | |
|--------------------------------|--|
| 12. Start / Pause indicator | 19. Child Lock indicator |
| 13. Time Delay indicator | 20. Programme Steps Follow-up indicators |
| 14. Rinse Aid indicator | a Washing Step indicator "👉" |
| 15. Half Load "1/2" indicator | b Rinsing Step indicator "👉" |
| 16. Express indicator | c Drying Step indicator "👉" |
| 17. Tablet Detergent indicator | d End of Programme indicator "➡" |
| 18. Salt indicator | |

Keys

On / Off key

It is used to turn on or off the machine. In On position, the machine switches on with the last programme in use. In Off position, indicators on the display will turn off.

If the Half Load, Tablet Detergent, Child Lock and Time Delay functions were selected in the previous programme used, these functions will remain active when the machine is turned off and on again. If you want to disable these functions after turning the machine off and on again, you must press the relevant keys again.

Start / Pause / Cancel key

It is used to start, pause or cancel the selected programme or function. To press the Start / Pause / Cancel key, wait for two seconds after you turn on the machine by pressing the On / Off key. An image will be displayed within this time.

Programme Selection key

It is used to choose the washing programme you selected in the "Table of Programme Data and Average Consumption Values".

Half Load key

It is used to operate the machine without loading it completely.

1. Load your dishes in the machine as you like.
2. Press the On / Off key.
3. Select the desired programme and press the Half Load key. Half Load ($\frac{1}{2}$) indicator will appear on the display.
4. Press Start / Pause / Cancel key to start the programme.

 With the Half Load function you can save both water and power

while using the lower and upper baskets of the machine.

Tablet Detergent key

This function provides better drying performance with the multi-purpose detergents such as 2in1, 3in1, 4in1, 5in1, all in one, etc., depending on the hardness level of the supply water. Look at the "Table of Programme Data and Average Consumption Values" to see which programmes the Tablet Detergent function can be used with.

 Tablet Detergent Indicator  lights when the Tablet Detergent function is selected.

Time Delay key

It is used to select the Time Delay function. You can delay the start of the selected programme up to 24 hours with increments of 30 minutes thanks to the Time Delay function.

Express key

This option allows you to shorten the selected programme; the dishwasher then uses higher water pressure and consumes less energy and water.

Preparing the machine

1. Open the tap.
2. Plug in to the socket.
3. Open the door of the dishwasher.
4. Place the dishes in accordance with the instructions in the user manual.
5. Make sure that the upper and lower impellers rotate freely.
6. Put adequate amount of detergent into the detergent dispenser.
7. Check if the Salt and Rinse Aid indicators light and add salt and/or rinse aid if needed.

8. Close the door of the dishwasher.

Programme selection

1. Press On / Off key to turn on your machine.
 2. Refer to "Table of Programme Data and Average Consumption Values" to select a washing programme suitable for your dishes.
 3. Press Programme Selection key ► repeatedly until the number of the selected programme appears on the Programme indicator , , . Programme number will increase by one each time you press the key.
- i** Number of the programmes on the machine may change depending on the model you have purchased.

Adding an auxiliary function to the programme

Depending on your needs, you can add Half Load (1/2), Tablet Detergent, Express and Time Delay functions to the programme you have selected. Press the key of the function you wish to add. Indicator of the relevant function will appear on the display.

Setting Time Delay function

If an economical electricity tariff is applied in your region, you can use the Time Delay function to wash your dishes during appropriate hours.

1. Press the Time Delay function key after selecting the washing programme and other auxiliary functions. Time Delay indicator  will start flashing on the display.
2. Press Time Delay key to set the time you wish. Time will increase with increments of 30 minutes up to 24 hours every time you press the key.

3. Press Start / Pause / Cancel key. Delay time will start countdown. Time Delay indicator  and Start / Pause indicator will light continuously. Remaining time will appear on the Time Delay indicator. Programme will start automatically when the countdown is over.

Changing the settings during Time Delay

While the Time Delay function is activated, you can make changes in the washing programme, other auxiliary functions or the delay time.

1. Press Start / Pause / Cancel key to switch the machine into Pause mode. Countdown will stop.
2. Select the new programme, auxiliary functions and time as described in the sections above.
3. Press Start / Pause / Cancel key. Countdown will resume or restart.

Canceling the Time Delay function

1. Press and hold Start / Pause / Cancel key for 3 seconds.
 2. Release the key when the Start / Pause indicator starts flashing. For a couple of minutes the machine will fulfill the necessary operations required to cancel the function. Once the Time Delay function is cancelled, "00:00" will appear on the Remaining Time indicator.
- i** You can select and start a new programme following the cancellation of Time Delay function.
- i** Time Delay function can not be set after the programme starts.

Starting the programme

To start your machine after selecting the programme and auxiliary functions, press Start / Pause / Cancel key. Once the programme starts to run,

Remaining Time indicator displays the estimated time to the end of the programme. Start / Pause indicator starts lighting continuously.

i Your machine performs water softening depending on the hardness level of the supply water. Remaining time displayed towards the end in some programmes can be different from the time indicated at the beginning due to this process. The total time can also change while the programme is running depending on the ambient temperature where your machine is installed, temperature of the supply water and amount of the dishes.

i Pay attention not to open the door of the machine when it is running. Stop the machine by pressing Start / Pause / Cancel key if you have to open the door. Then, open the door of the machine. There may be a rush of vapour when you open the door of your machine; be careful. Close the door of your machine and press Start / Pause / Cancel key again. Programme will resume running.

Child Lock

You can prevent other people from interrupting and changing the programme cycle and delay time while the machine is running.

1. Press and hold the Programme Selection key and the Half Load key simultaneously for three seconds to activate the child lock. Child Lock indicator will appear on the display. Repeat the same procedure to disable the Child Lock.

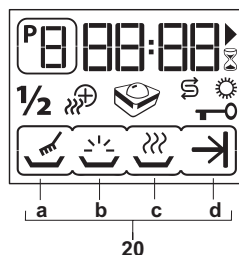
i Child lock prevents the selected programme or functions from being

changed and disables the Start / Pause / Cancel key.

i Child Lock does not lock the door of the machine.

Programme follow-up

You can follow-up the washing step in which the current programme is in from the Programme Steps Follow-up indicators on the display.



- a Washing Step indicator
- b Rinsing Step indicator
- c Drying Step indicator
- d End of Programme indicator

Indicators for Washing, Rinsing and Drying will light respectively on the display while the selected programme is running. Only the End of Programme indicator lights up when the programme is over. "00:00" appears on Remaining Time indicator.

Canceling a programme

1. Press and hold Start / Pause / Cancel key for 3 seconds while the programme is running.
2. Release the key when the Start / Pause indicator ► starts flashing. For a couple of minutes the machine will fulfill the necessary operations required to cancel the programme. Once the Time Delay function is cancelled, "00:00" will appear on the Remaining Time indicator.

- i** You can select and operate a new programme following the cancellation of the programme.
- i** There might be residues of detergent or rinse aid left in the machine and/or on the pieces being washed depending on the step the previous programme was in at the time of such cancellation.

Changing a programme

1. Press Start / Pause / Cancel key to switch the machine into Pause mode.
 2. Select the desired programme by pressing the Programme Selection key.
 3. Press Start / Pause / Cancel key to start the new programme.
- i** The new programme will start from the step where the previous one has stopped. For example, if the previous programme has remained in rinsing step, the new programme will start from the rinsing step as well. If you want to run the newly selected programme from the very beginning, you have to cancel the programme first and then select a new programme.

Salt indicator

Check the Salt indicator on the display to see whether there is enough softening salt in your machine or not. You need to refill the salt container whenever the Salt indicator lights.

- i** If the water hardness level is saved as (r1), Salt indicator will never come on even if the salt container is empty. (Adjusting the water hardness level is explained in Water Softening System section.)

Rinse Aid indicator

Check the Rinse Aid indicator on the display to see whether there is enough softening rinse aid in your machine or not. You must refill the rinse aid container when the Rinse Aid indicator comes on.

- i** If the Rinse Aid indicator is set to OFF, Rinse Aid indicator will never come on even if the rinse aid container is empty.

Setting the Rinse Aid indicator

1. Turn on your machine by pressing On / Off key while pressing and holding the Half Load ($\frac{1}{2}$) key when the machine is in off position. Keep holding the keys pressed in this stage.
 2. Release On / Off (1) key while pressing and holding the Half Load ($\frac{1}{2}$) key.
 3. Keep the Half Load ($\frac{1}{2}$) key pressed for three seconds more.
 4. Rinse Aid indicator lights up and the Rinse Aid indicator status saved on your machine appears on the display as "ON" or "OFF".
 5. You can change the status of the indicator as "ON" or "OFF" by pressing the Start / Pause / Cancel key.
- i** If you switch off the machine with "On/Off" key when the status is "ON", then the Rinse Aid indicator will come on when the rinse aid level in your machine becomes low while the machine is in use. If you switch off the machine by pressing On/Off key when the status is set to OFF, then the Rinse Aid indicator will never come on.

End of programme

End of Programme indicator will light up once the washing programme is over.

1. Press On / Off key to turn off your machine.
 2. Close the tap.
 3. Unplug the machine from the socket.
- i** Leave your dishes in the machine for about 15 minutes to cool down after they are washed. Your dishes will dry in a shorter time if you leave the door of your machine ajar during this period. This process will increase the drying effectiveness of your machine.

Programme Table								
Programme number	1	2	3	4 Reference*	5	6	7	8
Programme name	Pre-wash	Mini 30'	Delicate	Economy	A Express	Intensive	Hygiene+	Mix
Cleaning temperature	-	35°C	40°C	50°C	60°C	70°C	70°C	70°C
Degree of Soiling	Suitable for removing the remnants on the soiled dishes that will be kept waiting in the machine for a few days, and thus, for preventing the bad odor buildup.	Suitable for lightly soiled daily dishes that are scraped or pre-cleaned.	Suitable for dishes that are not pre-cleaned but washed immediately.	Most economical washing program for the medium soiled daily dishes that are kept waiting.	Daily washing program at which the medium soiled dishes that are kept waiting are cleaned in the fastest way.	Suitable for heavily soiled dishes, pots and pans.	Suitable for the dishes which require extra hygiene such as articles for babies. Also suitable for heavily soiled dishes.	The best suitable program for the mixed nature of the daily dishes. Glass and crystal utensils are washed sensitively in the upper basket while the pots and pans are washed powerfully in the lower basket.
Detergents A=25 cm³/15 cm³ B=5 cm³	-	Few	Few	Medium	Medium	High	High	Medium
Programme sequence (without options)	Pre-wash ▼ End	A	A	A+B	A+B	A+B	A+B	A+B
		Wash ▼ Cold rinse ▼ Hot Rinse ▼ End	Pre-wash ▼ Wash ▼ Cold rinse ▼ Hot Rinse ▼ Dry ▼ End	Pre-wash ▼ Wash ▼ Cold rinse ▼ Hot Rinse ▼ Dry ▼ End	Wash ▼ Cold rinse ▼ Hot Rinse ▼ Dry ▼ End	Pre-wash ▼ Wash ▼ Cold rinse ▼ Hot Rinse ▼ Hot Rinse ▼ Dry ▼ End	Pre-wash ▼ Wash ▼ Cold rinse ▼ Hot Rinse ▼ Hot Rinse ▼ Dry ▼ End	Pre-wash ▼ Wash ▼ Cold rinse ▼ Hot Rinse ▼ Hot Rinse ▼ Dry ▼ End
								The programme sequence is adjusted to the amount of soiling
Duration (min)	20	30	83	194	58	143	127	120
Water (l)	6,8	10	12,6	9	9,6	15,2	16	16,4
Energy (kWh)	0,5	0,7	0,75	0,74	1,12	1,2	1,67	1,55
Left-on mode / Off mode (W) ***								
	0.87 / 0.09							
								72-162
								9,8-13,2
								0,80-1,26

The consumption values shown in the table were determined under standard conditions. Differences may therefore occur under practical conditions.

* Reference programme for testing institutes The tests in accordance with EN 50242 must be carried out with a full water softener salt dispenser and a full rinse aid reservoir, and using the test programme.

*** Power consumption in off-mode and left-on mode are measured according to EN 62301.

6 How to clean your dishwasher

Cleaning your machine at regular intervals ensures longer product life and reduces the risk of recurring problems.

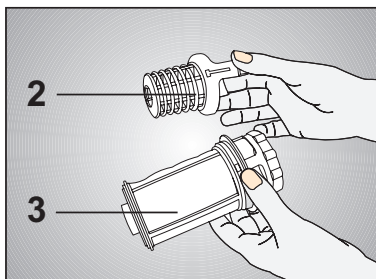
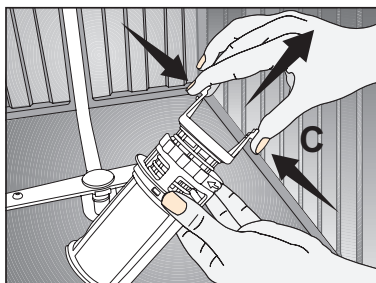
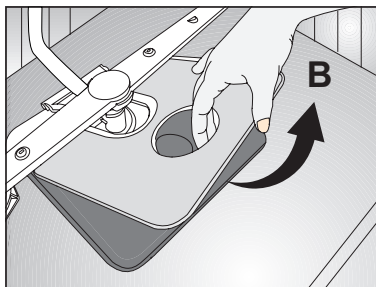
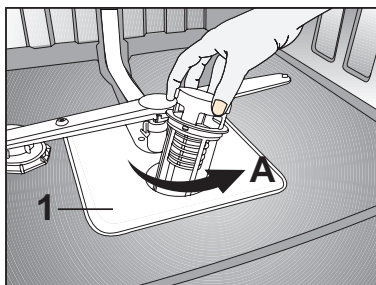
⚠ Always unplug the machine and turn off the water supply before cleaning. Use a gentle household cleaner for the outside and the door seals. Clean the control panel only with a moist cloth and clear water.

Cleaning the filters

Clean the filters and the spray arms regularly. A dirty machine will have a negative effect on the cleaning results.

1. Main filter
 2. Coarse filter
 3. Micro filter
-
1. Remove the lower basket from the machine.
 2. Turn the coarse filter to the right and pull it out in an upward direction **(A)**.
 3. Pull out the main filter **(B)**.
 4. Press on the two tongues of the coarse filter and remove the micro filter **(C)**.
 5. Clean the filters thoroughly under running water. Use a brush if necessary.
 6. Replace main filter.
 7. Replace the micro filter and the coarse filter into the main filter. Twist it clockwise until it clicks in.

❗ Do not operate your dishwasher without a filter. Ensure that your filters are correctly installed. Clean the filters regularly.

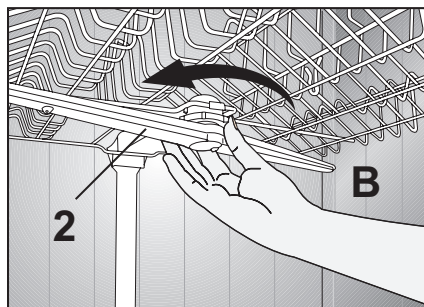
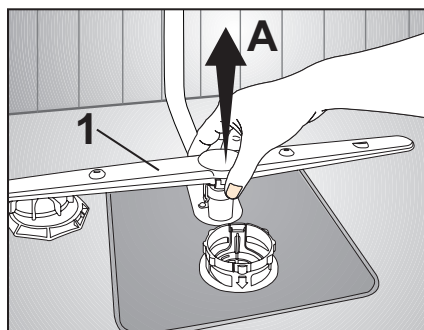


Cleaning the spray arms

Dirt or calcium residue may block the nozzles on the spray arms. For this reason, regularly check the spray nozzles.

1. Lower spray arm
 2. Upper spray arm
-
1. Remove the lower basket from the machine.
 2. Pull off the lower spray arm in an upward direction **(A)**.
 3. Loosen the fastening screw of the upper spray arm and pull off the spray arm **(B)**.
 4. Clean the spray arms under running water.
 5. Replace the spray arms.

i Ensure that the fastening screws are screwed tight.



Cleaning the filter inset in the water inlet hose (depends on the model)

Dirt from deposits in the water pipes is prevented by a filter in the water inlet hose. Check the filter and the water inlet from time to time.

1. Close the water tap and unscrew the water inlet hose.
2. Take out the filter and clean it under running water.
3. Replace the cleaned filter.
4. Fasten the water inlet hose to the water tap again.

7 Troubleshooting:

What to do if the dishwasher will not run

- Check that the mains plug is properly connected.
- Are all fuses working?
- Is the water supply fully turned on?
- Is the dishwasher door closed firmly?
- Have you pressed the On/Off button?
- Is the filter on the water intake and dishwasher clogged?

The cleaning results are unsatisfactory



Uncleaned Dishes

Disorderly placement

- Load your dishes as described in the manual.

Program selection

- For products with program selecting feature, choose a longer program that washes in higher temperatures.

Blocked impellers

- Prior to starting the program, ensure by turning by hand that the upper and lower impellers are freely rotating.

Clogged filters

- From time to time, remove the complete filter system as shown in the manual and wash it under flowing water.

Misplaced or displaced filters

- After washing the filter system, replace them as shown in the manual.

Clogged impeller holes

- Take out and clean the impellers from time to time as shown in the figure.

Overloading the baskets

- Do not overload the baskets in excess of their capacity

Detergent kept under unsuitable conditions

- If you are using powder detergents, do not store them in humid places after you open their boxes. Keep them in a closed container, if possible. For ease-of-storing, we recommend you to use tablet detergents.

Inadequate detergent

- If you are using powder detergents, adjust the amount of detergent according to the soiling degree of your dishes and/or program definitions. We recommend you to use tablet detergents for optimum results.

Inadequate rinse aid

- Increase rinse aid setting or add rinse aid into rinse aid compartment.

Unsealed detergent dispenser lid

- Always ensure that the detergent compartment lid is closed tightly after every detergent filling process.

Drying

Disorderly placement

- Load your dishes as described in the manual.

Inadequate rinse aid

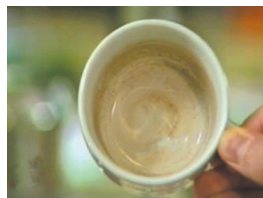
- Increase rinse aid setting or add rinse aid into rinse aid compartment.

Unloading the machine right after dishwashing

- Do not unload your dishwasher right after washing process is completed. Slightly open the door and wait for evacuation of the inside steam for a while. Unload the dishes after the pieces cool down to a touchable level. Start unloading process from the lower basket.

Program Selection

- For products with program selecting feature, choose a longer program that washes in higher temperatures.



Tea, Coffee And Lipstick Stains

Program Selection

- For products with program selecting feature, choose a longer program that washes in higher temperatures.

Detergent kept under unsuitable conditions

- If you are using powder detergents, do not store them in humid places after you open their boxes. Keep them in a closed container, if possible.
- For ease-of-storing, we recommend you to use tablet detergents.

Usage of silverware-kitchenware with corrupted surface quality

- Silverware or kitchenware with corrupted surface quality should not be washed in dishwashers.



Lime Stains, Hazy Look

Inadequate rinse aid

- Increase rinse aid setting or add rinse aid into rinse aid compartment.

Insufficient water softening

- In products equipped with water softening setting, water softening should be properly set in accordance with the hardness of the supply water. Add salt into the salt container, if necessary.

Salt leakage*

- Use the supplied salt funnel while filling in softening salt. Make sure that the salt box cover is tightly closed after finishing the filling process. Run a washing program to clean up the salts spilled in the machine. Recheck the salt box cover after the program is completed.

Metallic Look In Bluish Rainbow Color

Excessive rinse aid

- Lower rinse aid setting.



Hazy, Milky-Dish Look And Bluish / Rainbow Color Appearance In Glassware When They Are Hold Against Light

Glass corrosion due to soft water

- In products equipped with water softening setting, water softening should be properly set in accordance with the hardness of the supply water. If your supply water is soft (<5dH), do not use salt. For products with program selecting feature, choose programs that wash in higher temperatures (e.g. 60-65°C).



Scratch / Break In Glassware

Kitchenware containing Aluminum

- Kitchenware that contains aluminum should not be washed in dishwashers.

Salt leakage*

- Use the supplied salt funnel while filling in softening salt. Make sure that the salt box cover is tightly closed after finishing the filling process. Run a washing program to clean up the salts spilled in the machine. Recheck the salt box cover after the program is completed.

Low water softening setting, inadequate salt*

- In products equipped with water softening setting, water softening should be properly set in accordance with the hardness of the supply water. Add salt into the salt container, if necessary.

Detergent kept under unsuitable conditions

- If you are using powder detergents, do not store them in humid places after you open their boxes. Keep them in a closed container, if possible. For ease-of-storing, we recommend you to use tablet detergents.

Overloading the baskets

- In order to avoid scratches and breaks in glasses and other glass tableware because of collision with each other during washing process arising from their placement, do not overload the baskets in excess of their capacity.



Rusts, Blackening And Corruption Of Surface

Unsealed closing of the salt box cover*

- Salt may cause oxidation on metal surfaces. Use the supplied salt funnel while filling in softening salt. Make sure that the salt box cover is tightly closed after finishing the filling process. Run a washing program to clean up the salts spilled in the machine. Recheck the salt box cover after the program is completed.

Grounding line

- Check if your dishwasher is connected to the actual grounding line. Otherwise, the static electric created in the dishwasher may remove the protective coating on metal surfaces and cause blackening and corruption.



Detergent Remains In The Detergent Dispenser

Damp detergent compartment

- Make sure that the detergent dispenser is well dried prior to filling it with detergent.

Putting detergent in the detergent dispenser long before washing

- Take care that detergent is put shortly before startup of washing.

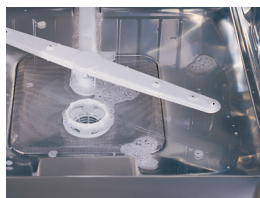
Blocking the opening of detergent dispenser lid during washing

- Ensure that the lid of detergent dispenser is not blocked by improperly loaded dishes. The detergent dispenser lid should open without any block during washing.

Detergent kept under unsuitable conditions

- If you are using powder detergents, do not store them in humid places after you open their boxes. Keep them in a closed container, if possible. For ease-of-storing, we recommend you to use tablet detergents.

Clogged impeller holes



Water Remained In The Dishwashing Compartment After Washing

Clogged filters

- From time to time, remove the complete filter system as shown in the manual and wash it under flowing water.

Blocking / twisting of drainage hose

- Connect the drainage hose as described in the manual.

Odour

Odor of new dishwasher

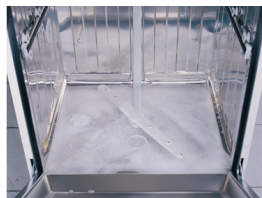
- A new dishwasher has a peculiar odor. It will fade out after a couple of washing.

Clogged filters

- From time to time, remove the complete filter system as shown in the manual and wash it under flowing water.

Leaving the dishes in the dishwasher for a long time

- If you are not going to run your dishwasher immediately, load the dishes into your machine after scraping the excessive soil on them and do not tightly close the door of the machine. Every other day, perform washing without detergent in the shortest program for products with program selecting feature.



Foam

Loading the dishes into the dishwasher without completely drying after washing them with hand-wash detergent.

- Hand-wash detergents do not contain antifoam. There is no need to hand-wash the dishes with detergent before loading the dishes into the machine. Scraping the coarse soil on the surfaces with a tissue paper or fork will be sufficient.

Spilling rinse aid in the machine while filling

- Take care that rinse aid is not spilled in the machine when you are filling it. Clean any spilled amount with the help of a tissue paper/towel.

Leaving the rinse aid lid open or not closing it

- Rinse aid compartment should always be closed as shown in the manual after it is filled with rinse aid.



Erasing Of Decorations

Usage of decorated glasses and porcelains

- Decorated glasses and decorated luster porcelains are not suitable for dishwasher washing. Manufacturers of glassware and porcelain tableware items do not recommend washing these items in the dishwashers either.

*: In products with a salt container

Service

If your appliance ever malfunctions, check the notes and advice given in the operating manual.

If this does not fix the problem, our customer service staff are available to assist you.

